

INFORMATION DISCLOSURE STATEMENT	Case Name.	G. Blumberg 1-2
	Serial No.	
	Applicant:	G. Blumberg, et al.
	Filing Date:	January 9, 2002
	Group:	

J1040 U.S. PRO
10/043372
01/09/02

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
NH	AA	4,580,110	Apr. 1, 1986	Bhattacharya et al.	332	16 R	Jul. 26, 1984
PH	AB	4,636,737	Jan. 13, 1987	Bhattacharya et al.	329	110	Jul. 8, 1985

FOREIGN PATENT DOCUMENTS

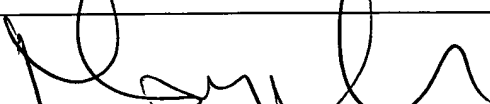
		Document Number	Date	Country	Class	Subclass	Translation

OTHER (including Author, Title, Date, Pertinent Pages, etc.)

plx	AC	Siegrist, T. et al., A NEW LAYERED CUPRATE STRUCTURE-TYPE, (A _{1-x} A' _x) ₁₄ Cu ₂₄ O ₄₁ , Mat. Res. Bull., 1988, Vol. 23, pp. 1429-1438.
	AD	McCarron, E.M. III et al., THE INCOMMENSURATE STRUCTURE OF (Sr _{14-x} Ca _x)Cu ₂₄ O ₄₁ (0 < x ~ 8), A SUPERCONDUCTOR BYPRODUCT, Mat. Res. Bull., 1988, Vol 23, pp. 1355-1365.
	AE	Kimura, S., Shindo, I., SINGLE CRYSTAL GROWTH OF YIG BY THE FLOATING ZONE METHOD, Journal of Crystal Growth 41 (1977) pp. 192-198.
	AF	Strobel, P. et al., CRYSTAL GROWTH AND CHARACTERIZATION OF THE SUPERCONDUCTING PHASE IN THE Bi-Sr-Cu-O SYSTEM, Physica C 156 (1988) pp. 434-440.
	AG	Kitano, H. et al., MICROWAVE and millimeter wave spectroscopy in the slightly hole-doped ladders of Sr ₁₄ Cu ₂₄ O ₄₁ , Europhysics Letters Preprint, August 14, 2001, arXiv:cond-mat/0108222.
	AH	Motoyama, N., Osafune, T., Kakeshita, T., Eisaki, H., Uchida, S., Effect of Ca substitution and pressure on the transport and magnetic properties of Sr ₁₄ Cu ₂₄ O ₄₁ with doped two-leg Cu-O ladders, Physical Review B, February 1, 1997, Volume 55, Number 6, pp. R3386-R3389.
	AI	Tanaka, I., Kojima, H., Superconducting single crystals, January 5, 1989, Nature Vol. 337 pp. 21, 22.
	AJ	Ramirez, A.P., Subramanian, M.A., Gardel, M., Blumberg, G., Li, D., Vogt, T., Shapiro, S.M., Giant dielectric constant response in a copper-titanate, Solid State Communications 115 (2000) pp. 217-220.
	AK	Osafune, T., Motoyama, N., Eisaki, H., Uchida, S., Optical Study of the Sr _{14-x} Ca _x Cu ₂₄ O ₄₁ System: Evidence for Hole-Doped Cu ₂ O ₃ Ladders, March 10, 1997, Vol. 78, Number 10., pp. 1980-1983.
	AL	McElfresh, M.W., Coey, J.M.D., Strobel, P., von Molnar, S., Electronic properties of Sr ₁₄ Cu ₂₄ O ₄₁ , Physical Review B, July 1, 1989, Volume 40, Number 1., pp. 825-828.
NB	AM	Gozar, A. et al., Spin dynamics of Sr ₁₄ Cu ₂₄ O ₄₁ two-ladder studied by Raman spectroscopy, Physical Review Letters, April 2, 2001., Preprint, arXiv:cond-mat/0108507 v2 (2001), 4 pages.

***References listed beyond AZ would list as AA-1, AB-2, AC-3 thru AZ-26.

***Note First Page ONLY Header/Footer. Subsequent pages must ONLY have page # layout as header

EXAMINER		DATE CONSIDERED	8/8/03
----------	---	-----------------	--------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant



INFORMATION DISCLOSURE STATEMENT	Case Name.	G. Blumberg 1-2
	Serial No.	10/043,372
	Applicant:	G. Blumberg, et al.
	Filing Date:	January 9, 2002
	Group:	2812

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Dat
AA	<i>NA</i>	10/159,449		Blumberg, G. et al.			May 31, 2002

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation

OTHER (including Author, Title, Date, Pertinent Pages, etc.)

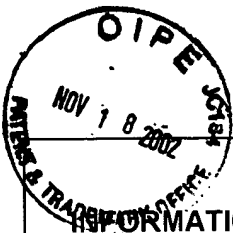
AB	<i>NA</i>	McCarron, E.M. III et al., <u>THE INCOMMENSURATE STRUCTURE OF $(\text{Sr}_{14-x}\text{Ca}_x)\text{Cu}_{24}\text{O}_{41}$ ($0 < x \sim 8$), A SUPERCONDUCTOR BYPRODUCT</u> , Mat. Res. Bull., 1988, Vol 23, pp. 1355-1365.
----	-----------	--

***References listed beyond AZ would list as AA-1, AB-2, AC-3 thru AZ-26.

***Note First Page ONLY Header/Footer. Subsequent pages must ONLY have page # layout as header

EXAMINER <i>[Signature]</i>	DATE CONSIDERED <i>8/1/03</i>
---------------------------------------	---

***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant



INFORMATION DISCLOSURE STATEMENT

Case Name: G. Blumberg 1-2
 Serial No. 10/043,372
 Applicant: G. Blumberg, et al.
 Filing Date: January 9, 2002
 Group: 2812

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Dat

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation

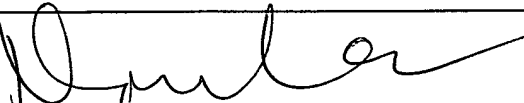
OTHER (including Author, Title, Date, Pertinent Pages, etc.)

WKT	AA.	Gruner, George: <u>Density Waves in Solids</u> , (Addison-Wesley Publishing Company, 1994), Ch. 2, pp. 15-30; Ch. 8, pp. 150-163; Ch. 9, pp. 164-181; Ch. 10, pp. 182-197.
NK	AB	Osafune, T., Motoyama, N., Eisaki, H., Uchida, S., <u>Optical Study of the $\text{Sr}_{14-x}\text{Ca}_x\text{Cu}_{24}\text{O}_{41}$ System: Evidence for Hole-Doped Cu_2O_3 Ladders</u> , Physical Review Letters, March 10, 1997, Vol. 78, Number 10., pp. 1980-1983.

***References listed beyond AZ would list as AA-1, AB-2, AC-3 thru AZ-26.

***Note First Page ONLY Header/Footer. Subsequent pages must ONLY have page # layout as header

RECEIVED
 NOV 20 2002
 TECHNOLOGY CENTER 2800

EXAMINER 	DATE CONSIDERED 1/8/03
--	------------------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant